



Serial No. 09/902,859
Art Unit No. 2133

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS
BEING DEPOSITED AS EXPRESS MAIL ED070746151US,
ON DATE OF DEPOSIT: September 13, 2004
PERSON TRANSMITTING: ANNE VACHON DOUGHERTY

Anne Vachon Dougherty 9/13/04
Signature & Date

RECEIVED
SEP 16 2004
Technology Center 2100

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of : September 13, 2004
E. S. Eleftheriou, et al : Group Art No.: 2133
Serial No. 09/902,859 : Examiner: Shelly Chase
Filed: July 11, 2001 : IBM Corporation
Title: METHOD AND APPARATUS FOR Anne Vachon Dougherty
LOW DENSITY PARITY CHECK 3173 Cedar Road
ENCODING OF DATA Yorktown Hts, N.Y. 10598

AMENDMENT

Commissioner for Patents
Sir:

In response to the Office Action dated May 12, 2004 for the above-identified patent application, Applicants submit a Petition for Extension of Time, fee, and the following:

Amendments to the Claims as reflected in the Listing of Claims which begins on page 2.

Remarks/Arguments which begin on page 7.

Authorization is hereby given to charge Deposit Account 50-0510 in the amount of \$258.00 for the introduction of three new independent claims in excess of three. The total number of claims is unchanged.

CH920010036

-1-

11/19/2004 WHITCHEL 00000005 500510 09902833
01 FC:1201 258.00 DA

Serial No. 09/902,859
Art Unit No. 2133

triangularization method as claimed, and that the Bond teachings relating to the undesirability of small cycles do not teach or suggest the claimed eliminating of 4-cycles from a second matrix generated by the claimed steps (Claims 2, 6, and 10) or the cyclical shifting of rows (formerly Claims 4, 7, and 11, now in Claims 15-17). Accordingly, Applicants believe that a prima facie case of obviousness has not been made by the Examiner, since not all of the claim features are taught or suggested by the cited references.

Based on the foregoing amendments and remarks, Applicants respectfully request entry of the amendments, reconsideration of the amended claim language in light of the remarks, withdrawal of the rejections, and allowance of the claims.

Respectfully submitted,
E. S. Eleftheriou, et al

By: Anne Vachon Dougherty
Anne Vachon Dougherty
Registration No. 30,374
Tel. (914) 962-5910